must be effectively integrated with traditional skills and approaches for achieving the final end-product or goal.

5. Institutes of Rural Health and Agricultural Medicine be established in the four regions of India to take care of health problems of the rural community arising out of agriculture and animal husbandry practices through adoption of biotechnological measures.

6. There is an urgent need to develop a National Institute of Physiological Sciences to promote and coordinate education and research in human, animal and comparative physiology. Such an Institute should play a pivotal role in giving directions for solving the physiological problems of national importance based on priorities in various situations in health and disease.

7. Adequate training programmes should be undertaken to educate women, particularly in rural areas, to ensure that they are not subjected to exploitation.

8. Materials for chemical trapping of solar energy and energy-efficient chemical reactions should be developed in order to save environment.

9. Emphasis should be laid on the development and use of new building materials for the construction of cheap and efficient homes.

10. Biological control of plant pathogens including the insects and insect pests be encouraged, in place of using synthetic pesticides and chemicals that are hazardous to the health of humans, animals and to the life support systems.

11. For India to become a global player in the software market, utilization of information technology (IT) has to become all prevasive to reach every nook and corner specially rural area. Special projects may be encouraged for the use of IT for village development.

12. Environmental mutagens and carcinogens responsible for the majority of human cancer in India should be explored and strict control measures should be enforced to contain this dreadful disease.

Establishment of an Institute of Biotechnoogy

1342. SHRI B. K. HARIPRASAD : Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that the Karnataka Government has forwarded to the Centre a proposal from University of Agriculture Sciences, Bangalore for establishment of an Institute of Biotechnology covering areas of application of plant tissue culture for genetic improvement of crop species and perennial plant species in horticulture and forestry and improvement of biogas development through Methane fermentation;

(b) if so, whether the State Government has also requested the Centre to explore the possibilities of securing Japanese aid for this project involving an outlay of Rs. 2200 lakhs over a period of five years; and

(c) if so, whether the Centre would process this project proposal expeditiously ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM) : (a) to (c) The project was originally submitted to the Indian Council of Agricultural Research. The project has been forwarded to DBT from ICAR on 1-3-93. Further information on the proposal is being obtained.

Results of Scientific Experiments

1343. DR. SHRIKANT RAMCHANDRA JICHKAR :
SHRI V. RAJESHWAR RAO :

Will the PRIME MINISTER be pleased to state :

(a) whether Government propose to publish the results of scientific experiments made in the various Governmental Institutions for the benefit of emulation by the entrepreneurs;

(b) whether Government project the results of the scientific experiments under the law relating to patents; and

(c) if so, how many patents have been secured up to 1st Jan. 1993 ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM) : (a) to (c) Information is being collected and will be laid on the Table of the House.

Establishment of advanced centre for resistance breeding of crop plants at Dharwad in Karnataka

1344. SHRI B. K. HARIPRASAD : Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that Registrar of University of Agriculture Sciences, Dharwar (Karnataka) had submitted two years back a proposal to the Department of Bio-technology, for the establishment of Advanced Centre for Resistance Breeding of Crop Plants, with an outlay of Rs. 87.65 lakhs;

(b) whether it is also a fact, that the Department of Bio-technology is still to take a decision on the proposal; and

(c) if so, what steps Government propose to take for early sanction of the proposal ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM) : (a) Yes sir. Registrar University of Agricultural Sciences submitted a proposal entitled "Establishment of Advance Centre for Resistance Breeding of crop plants through Biotechnology" with an estimated outlay of Rs. 368.29 lakhs.

(b) and (c) The proposal was considered by an Export Working Group on Plant Molecular Biology and Agricultural Biotechnology of the Department of Biotechnology on 19-5-92 and the proposal has not been found acceptable for funding from the Department. University of Agricultural Sciences, Dharwad is being informed accordingly.

12.00 NOON

[**The Deputy Chairman** in the Chair.]

SHRI SATYA PRAKASH MALAVIYA (Uttar Pradesh) : I have a point of order... (*Interruptions*) ...

THE DEPUTY CHAIRMAN : Let us finish this... (*Interruptions*) ...

SHRI SATYA PRAKASH MALAVIYA : I have a point of order... (*Interruptions*)...

THE DEPUTY CHAIRMAN : Let the papers be laid... (*Interruptions*) ...

आपकी क्या समस्या है

SHRI SATYA PRAKASH MALAVIYA : It is about the paper which has to be laid ... (*Interruptions*) ... I have the paper in my hand. The paper has to be laid by Shri Sharad Pawar... (*Interruptions*) ...But he has resigned... (*Interruptions*) ...

THE DEPUTY CHAIRMAN : Shri Mallikarjun is also a Defence Minister and he is laying it on his behalf... (*Interruptions*) ...

SHRI PRAMOD MAHAJAN (Maharashtra) : Has he written to you ? Has he taken your permission ? Mr. Sharad Pawar resigned.... (*Interruptions*) ...

THE DEPUTY CHAIRMAN : Please ... (*Interruptions*) ... Mr. Mallikarjun is a Minister in the same Ministry so he is laying it... (*Interruptions*) ...